



PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Feniosky Peña-Mora, et al.

Group Art Unit: Not Yet Assigned

Appl. No. : 10/068,087

Filed : February 6, 2002

Examiner: Not Yet Assigned

Entitled : RELIABILITY BUFFERING TECHNIQUE  
APPLIED TO A PROJECT PLANNING  
MODEL

RECEIVED

Docket : MIT-087PUS

MAR 07 2002

Technology Center 2100

---

Certificate of Mailing (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail with in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

*Feb 26, 2002*

Date of Signature  
and Mail Deposit

By:

*Kermit Robinson*

Kermit Robinson

Reg. No. 48,734

Attorney for Applicant(s)

---

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[ X ] (1) The enclosed Information Disclosure Statement is being filed within three months of the filing date or within three months of the entry of the national stage

of the above-identified application or before the mailing of a first Office Action on the merits. Accordingly, Applicant(s) believes that no fee or certification is required.

[ ] (1a) Applicant(s) believe the enclosed Information Disclosure Statement is entitled to the benefit of 37 C.F.R. § 1.97 (b) (3). Accordingly, Applicant(s) believe that no fee or certification is required.

[ ] (1b) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:

[ ] a certification under 37 C.F.R. § 1.97(e); [ ] the fee set forth in § 1.17(p).

PETITION UNDER 37 C.F.R. § 1.97(d)

[ ] (2) Pursuant to 37 C.F.R. § 1.97(d), Applicant(s) hereby petition the Assistant Commissioner to consider the attached Information Disclosure Statement. Applicant(s) state that the issue fee has not been paid and that a certification under 37 C.F.R. § 1.97(e) is provided herein, along with the petition fee of \$130.00 required under 37 C.F.R. § 1.17(i).

CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (1)

[ ] (3) The undersigned hereby certifies that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of this statement.

CERTIFICATION UNDER 37 C.F.R. § 1.97 (e) (2)

[ ] (4) The undersigned hereby certifies that no item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counter part foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual having a

duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of this statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

Dated: Feb 26, 2002

By: Kermit Robinson

Kermit Robinson

Reg. No. 48,734

Attorney for Applicant(s)

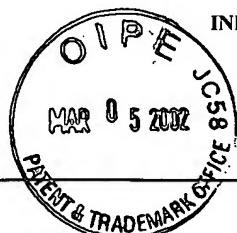
275 Turnpike Street, Suite 101

Canton, MA 02021-2310

Telephone: (781) 401-9988

Facsimile: (781) 401-9966

Form PTO-1449 (Rev. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO. MIT-087PUS	APPLICATION NO. 10/068,087
									APPLICANT Feniosky Peña-Mora	
									FILING DATE February 6, 2002	GROUP Not Yet Assigned
<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>										

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	4	3	6	8	5	0	9	01/11/83	Li			
	4	4	7	2	7	7	0	09/18/84	Li			
	4	7	1	0	8	6	4	12/01/87	Li			
	4	7	9	7	8	3	9	01/10/89	Powell			
	4	8	5	2	0	0	1	07/25/89	Tsushima	RECEIVED		
	4	9	1	0	6	6	0	03/20/90	Li	MAR 07 2002		
	4	9	3	7	7	4	3	06/26/90	Rassman et al.	Technology Center 2100		
	5	0	1	6	1	7	0	05/14/91	Pollalis et al.			
	5	0	2	1	9	7	6	06/04/91	Wexelblat et al.			
	5	0	5	3	9	7	0	10/01/91	Kurihara et al.			
	5	0	5	7	9	9	2	10/15/91	Traiger			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO101206A2	01/04/01	PCT				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

	Li, Michael In-Chiang, "A Robust Planning and Control Methodology for Design-Build Fast-Track Civil Engineering and Architectural Projects", February 1999, pp.1-107.
	Park, Moonseo, "Robust Control of Cost Impact on Fast-Tracking Building Construction Projects," June 1999, pp.2-75.
	Park, M. and Peña-Mora, F., "Dynamic Planning and Control of Large-Scale Infrastructure Projects," ASCE/ICCCBE 2000 Conference I Computing in Civil and Building Engineering, Stanford, CA, ASCE Press, Redmond, VA August 2000, PP. 414-423.
	Park, Moonseo et al., "Dynamic Planning and Control of Construction Projects", August 15, 2000, pp. 424-467.
Examiner	Date Considered:
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

Form PTO-1449  
(Rev. 8-83)\*U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MIT-087PUSAPPLICATION NO.  
10/068,087

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT  
Feniosky Peña-MoraFILING DATE  
February 6, 2002GROUP  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	5	1	4	8	3	6	5	09/15/92	Dembo			
	5	2	2	9	9	4	8	07/20/93	Wei et al.			
	5	3	0	3	1	7	0	04/12/94	Valko			
	5	3	8	1	3	3	2	01/10/95	Wood			
	5	4	1	4	8	4	3	05/09/95	Nakamura et al.			RECEIVED
	5	5	2	4	0	7	7	06/04/96	Faaland et al.			MAR 07 2002
	5	5	3	7	5	2	4	07/16/96	Aprile			Technology Center 2100
	5	6	2	3	4	0	4	04/22/97	Collins et al.			
	5	6	7	1	3	6	0	09/23/97	Hambrick et al.			
	5	7	3	7	7	2	8	04/07/98	Sisley et al.			
	5	7	4	8	9	0	7	05/05/98	Crane			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		Peña-Mora, Feniosky and Park, Moonseo, "Dynamic Planning and Control Methodology for Large-Scale Infrastructure Projects," March 2001, pp. 301-347	
		Lee, SanHyun, "Research Progress Report The Dynamic Planning and Control Methodology in Global Construction Management," Research Progress Report, MIT, March 23, 2001, pp.1-37.	
		Fulenwider, Margaret, "Dynamic Planning and Control for Large-Scale Infrastructure Projects: Route 3N as a Case Study," Research Progress Report, MIT, March 23, 2001, 100 pgs.	
		Park, Moonseo, " Dynamic Planning and Contol Methodology for Large-Scale Concurrent Construction Projects," April 3, 2001, pp. 348-372.	
Examiner		Date Considered:	
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.	

(702143)

Form PTO-1449 (Rev. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. <b>MIT-087PUS</b>	APPLICATION NO. <b>10/068,087</b>
 <b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>								APPLICANT <b>Feniosky Peña-Mora</b>		
								FILING DATE <b>February 6, 2002</b>		GROUP <b>Not Yet Assigned</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	5	7	6	1	6	7	4	06/02/98	Ito			
	5	7	6	4	5	4	3	06/09/98	Kennedy			
	5	7	6	5	1	3	9	06/09/98	Bondy			
	5	7	6	7	8	4	8	06/16/98	Matsuzaki et al.			
	5	8	2	6	2	5	2	10/20/98	Wolters et al.			
	5	8	9	3	0	7	4	04/06/99	Hughes et al.			
	5	9	0	7	4	9	0	05/25/99	Oliver			<b>MAR 07 2002</b>
	5	9	1	8	2	1	9	06/29/99	Isherwood			<b>Technology Center 2100</b>
	6	0	4	7	2	6	0	04/04/00	Levinson			
	6	1	0	1	4	8	1	08/08/00	Miller			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

	Park, M. and Peña-Mora, F., "Reliability Buffering for Concurrent Construction," submitted for review to the ASCE Journal of Construction Engineering and Management, June 2001, pp. 284-300.
	Peña-Mora, Feniosky, and Park, Moonseo, "Dynamic Planning for Fast-Tracking Building Construction Projects," ASCE Journal of Construction Engineering and Management, Vol. 127, No. 6, December 2001, pp. 1-12.
	Peña-Mora, Feniosky and Dwivedi, G., "A Multiple Device Collaborative and Real Time Analysis System for Project Management in Civil Engineering," ASCE Journal of Computing in Civil Engineering, Vol. 16, No. 1, January 2002, pp. 373-401.

Examiner      Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box →

PTO/SB/21 (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/068,087
		Filing Date	February 6, 2002
		First Named Inventor	Feniosky Pena-Mora
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	1226	Attorney Docket Number	MIT-087PUS

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipted postcard; 44 IDS References
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

RECEIVED

MAR 07 2002

Technology Center 2100

In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kermit Robinson	Reg. No. 48,734
Signature		
Date	Feb 26, 2002	

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

Typed or printed name	Kermit Robinson		
Signature		Date	Feb 26, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

2163  
#2  
BT  
03-21-02